



**FERRO**  
CORPORATION

FRIT DIVISION

CLEVELAND - NASHVILLE - LOS ANGELES

DPM 5222

FEB 05 1982

# MATERIAL SAFETY DATA SHEET

## SECTION I

MANUFACTURER'S NAME Ferro Corporation		EMERGENCY TELEPHONE NO. 216/641-8580
ADDRESS (Number, Street, City, State, and ZIP Code) 4150 E. 56th. Street Cleveland, Ohio 44105		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Ferro - FC-21112
CHEMICAL FAMILY Sand Silicone Paste	FORMULA Complex Mixture	

## SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS N/A			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Non-Toxic			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
N/A					

## SECTION III PHYSICAL DATA

BOILING POINT (°F.)	> 300°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	> 1.0
VAPOR PRESSURE (mm Hg.)	< 5mm	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	< 0.1%		
APPEARANCE AND ODOR Paste like - no odor			

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Open Cup > 250°F	FLAMMABLE LIMITS	LeI	UoI
EXTINGUISHING MEDIA CO <sub>2</sub> or foam			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	
EFFECTS OF OVEREXPOSURE	May cause temporary eye discomfort.
EMERGENCY AND FIRST AID PROCEDURES	Flush with water.

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)		None known.	
HAZARDOUS DECOMPOSITION PRODUCTS SiO <sub>2</sub> , CO <sub>2</sub> and traces of incompletely burned carbon products.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Wipe up with cloth.
WASTE DISPOSAL METHOD	Can be land filled.

SECTION VIII SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) <span style="float: right;">X</span>	OTHER
PROTECTIVE GLOVES	EYE PROTECTION Safety glasses	
OTHER PROTECTIVE EQUIPMENT As required by your company.		

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Observe "use before" date.
OTHER PRECAUTIONS	

"The information herein is given in good faith but no warranty, express or implied is made"

DPM 5222 Series  
Pigment Dispersion, Silicone



May 4, 1977

Douglas Aircraft Company  
3855 Lakewood Blvd.  
Long Beach, California 90846

Attention: Mr. M.J. Veneroso  
Dept. CI-726 (52-11)  
Materials Handling and  
Packaging Division

Dear Mr. Veneroso:

In answer to your recent request regarding the Hazardous Materials Regulations of the Department of Transportation, Title 49, Code of Federal Regulations, the following Epoxy Paste dispersions V-285, V-662, V-927 and V-2864 have a flash point of 450°F (open cup) or higher, and the Silicone Paste dispersions V-52, V-1105, V-1106, V-1107, V-1232, V-1712, V-2876, V-1722, V-1747, V-1936, V-2608, V-2658, FC-12921, FC-21112 and FC-16525a flash point above 250°F (open cup) and therefore, are not regulated or restricted items under Title 49.

Enclosed you will find Occupational Safety and Health Administration Material Safety Data Sheets on all of the aforementioned colorents.

Sincerely,

FERRO CORPORATION

Jess S. Galvan  
Jess S. Galvan  
Lab Manager

JSG/d

Enclosures:

Data or recommendations are based on laboratory preparation and/or testing of samples; therefore, they cannot be expected to fully duplicate commercial production or field performance. Final approval and acceptance should be based on appropriate production and service tests.

FERRO CORPORATION / COLOR DIVISION — LOS ANGELES PLANT  
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